



OCT 19 2007

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL

## for FY 2006

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b> 620.00
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**Complete if Known**

Application Number	10/593,597
Filing Date	March 22, 2005
First Named Inventor	Janet Shipley
Examiner Name	Unassigned
Art Unit	1614
Attorney Docket No.	39749-0004

**METHOD OF PAYMENT (check all that apply)**

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number	08-1641
Deposit Account Name	HELLER EHRLMAN LLP (39749-0004)

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	2001	300	150	Utility filing fee	
1002	2002	200	100	Design filing fee	
1003	2003	200	100	Plant filing fee	
1004	2004	300	150	Reissue filing fee	
1005	2005	200	100	Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>					

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X	=
			- 3** =	X	=

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
1202	2202	50	25	Claims in excess of 20
1201	2201	200	100	Independent claims in excess of 3
1203	2203	360	180	Multiple dependent claim, if not paid
1204	2204	200	100	** Reissue independent claims over original patent
1205	2205	50	25	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b>				

\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity	Small Entity
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Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	2051	130 65 Surcharge - late filing fee or oath	130
1052	2052	50 25 Surcharge - late provisional filing fee or cover sheet	
1053	1053	130 Non-English specification	
1812	1812	2,520 2,520 For filing a request for <i>ex parte</i> reexamination	
1804	1804	920* 920* Requesting publication of SIR prior to Examiner action	
1805	1805	1,840* 1,840* Requesting publication of SIR after Examiner action	
1251	2251	120 60 Extension for reply within first month	
1252	2252	450 225 Extension for reply within second month	450
1253	2253	1,020 510 Extension for reply within third month	
1254	2254	1,590 795 Extension for reply within fourth month	
1255	2255	2,160 1,080 Extension for reply within fifth month	
1401	2401	500 250 Notice of Appeal	
1402	2402	500 250 Filing a brief in support of an appeal	
1403	2403	1,000 500 Request for oral hearing	
1451	1451	1,510 1,510 Petition to institute a public use proceeding	
1452	2452	500 250 Petition to revive - unavoidable	
1453	2453	1,500 750 Petition to revive - unintentional	
1501	2501	1,400 700 Utility issue fee (or reissue)	
1502	2502	800 400 Design issue fee	
1503	2503	1,100 550 Plant issue fee	
1460	1460	130 130 Petitions to the Commissioner	
1807	1807	50 50 Processing fee under 37 CFR 1.17(q)	
1806	1806	180 180 Submission of Information Disclosure Stmt	
8021	8021	40 40 Recording each patent assignment per property (times number of properties)	40
1809	2809	790 395 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	2810	790 395 For each additional invention to be examined (37 CFR 1.129(b))	
1801	2801	790 395 Request for Continued Examination (RCE)	
1802	1802	900 900 Request for expedited examination of a design application	
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 620

(Complete if applicable)

**SUBMITTED BY**

Name (Print/Type)	Ginger R. Dreger	Registration No. (Attorney/Agent)	33,055	Telephone	650-324-7000
Signature	<i>Ginger R. Dreger</i>			Date	October 19, 2007

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



10-22-07

AP12 Rec'd PCT/PTO 19 OCT 2007

PTO/SB/21 (6-99)

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/593,597
		Filing Date	March 22, 2005
		First Named Inventor	Janet Shipley
		Group/Art Unit	1614
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	39749-0004

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Version With Markings Showing Changes <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 <input checked="" type="checkbox"/> Copy of Notice	<input checked="" type="checkbox"/> Recordation Cover Sheet with Executed Assignment <input checked="" type="checkbox"/> Sequence Statement 37 CFR 1.821 <input checked="" type="checkbox"/> Paper Sequence Listing w/ 1 Disk <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, by Assignee to Exclusion of Inventor Under 37 C.F.R. §3.71 With Revocation of Prior Powers <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> ADDITIONAL ENCLOSURE(S) (PLEASE IDENTIFY BELOW): <input checked="" type="checkbox"/> RETURN POSTCARD				
<table border="1"> <tr> <td>Remarks</td> <td></td> </tr> <tr> <td colspan="2">AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT <u>08-1641</u> FOR ANY FEES DUE IN CONNECTION WITH THIS PAPER, REFERENCING ATTORNEY'S DOCKET NO. <u>39749-0004</u></td> </tr> </table>			Remarks		AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT <u>08-1641</u> FOR ANY FEES DUE IN CONNECTION WITH THIS PAPER, REFERENCING ATTORNEY'S DOCKET NO. <u>39749-0004</u>	
Remarks						
AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT <u>08-1641</u> FOR ANY FEES DUE IN CONNECTION WITH THIS PAPER, REFERENCING ATTORNEY'S DOCKET NO. <u>39749-0004</u>						

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual name	HELLER EHRMAN LLP		GINGER R. DREGER (Reg. No. 33,055)
	275 Middlefield Road, Menlo Park, California 94025		Telephone: (650) 324-7000 Facsimile: (650) 324-0638
Signature			
Date	October 19, 2007	Customer Number:	25213

## CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and addressed to: **MAIL STOP xxxx, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450**, on this date: **October 19, 2007**.

Express Mail Label EV 582 633 155 US

Typed or printed name	Elena Torres		
Signature		Date	October 19, 2007

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop       , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

39749-0004. US



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/593,597	Janet Shipley	39749-0004 US
<b>RECEIVED</b>		INTERNATIONAL APPLICATION NO.
JUN 25 2007		PCT/GB05/01085
25213	I.A. FILING DATE	PRIORITY DATE
HELLER EHRMAN LLP	03/22/2005	03/22/2004
HELLER EHRMAN		
275 MIDDLEFIELD ROAD		
MENLO PARK, CA 94025-3506		
CONFIRMATION NO. 9071		
371 FORMALITIES LETTER		
 *OC00000024448315*		

Date Mailed: 06/21/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/20/2006
- Copy of the International Search Report filed on 09/20/2006
- Preliminary Amendments filed on 09/20/2006
- Biochemical Sequence Diskette filed on 09/20/2006
- Biochemical Sequence Listing filed on 09/20/2006
- U.S. Basic National Fees filed on 09/20/2006
- Specification filed on 09/20/2006
- Claims filed on 09/20/2006
- Abstracts filed on 09/20/2006
- Drawings filed on 09/20/2006
- Paper nucleotide sequence listings filed on 09/20/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

DOCKETED 6/21/07  
 MISSING REQ'D  
 DUE - 8/21/07  
 FINAL - 1/21/08

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130 Surcharge.**

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**if you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

DARRELL C COTTMAN

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Telephone: (703) 308-9140 EXT 203

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/593,597	PCT/GB05/01085	39749-0004 US